

Appl. No. 09/918,940
Amdt. Dated December 3, 2004
Reply to Office Action of August 3, 2004

In the Specification:

Please amend the paragraph beginning on page 7, line 8 to read as follows:

Downstream of the valve 22 is a pump 24, which is in fluid communication with the valve 22 and the tank 12. While a variety of pumps are contemplated for use with the present system, including, but not limited to gear pumps, piston pumps, diaphragm pumps, and progressive cavity pumps, the preferred type of pump in the system 10 is a positive displacement pump, specifically a peristaltic pump, and particularly a high-pressure type using a lubricating bath of glycerin to the internal stator hose. A variable speed DC motor (not shown) supplies power to the pump. Although it emits a pulsating output flow, the moving parts of the peristaltic pump do not become exposed to the settable slurry. A suitable commercial example of a preferred type of pump is the DL Series of pumps manufactured by PCM POMPES, 17 rue Ernest Laval - BP 35, 972173 Vanves Cedex, France. The preferred pump 24 has a minimum flow rate of 84 ~~tons/hr~~, liters/hr, a maximum flow rate of 20 ~~m³/hr~~ m³/hr and a speed of between 5 to 133 rpm. In the preferred embodiment, an outlet 25 of the pump is configured as a quick connect fitting which is easily disconnected and allows the connection of a garden hose into the system for flushing purposes. Another suitable pump is a progressive cavity positive displacement pump

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manufactured by Moyno Products, Fluids Handling Division, Robbins & Meyers, Inc., Springfield OH. It has been found that the combination of the tank 12 with the open top 13, and the positive displacement pump 24 provided with a dampener as described below has resulted in a generally uniform flow rate of plaster slurry.